User Manual

Thank you for choosing Philips.

Need help fast?
Read your User's Manual first for quick tips that make using your Philips product more enjoyable.
If you have read your instructions and still need assistance, you may access our online help at **www.philips.com/support**
or call
0906 1010 016 (£0.15/minute)

PHILIPS

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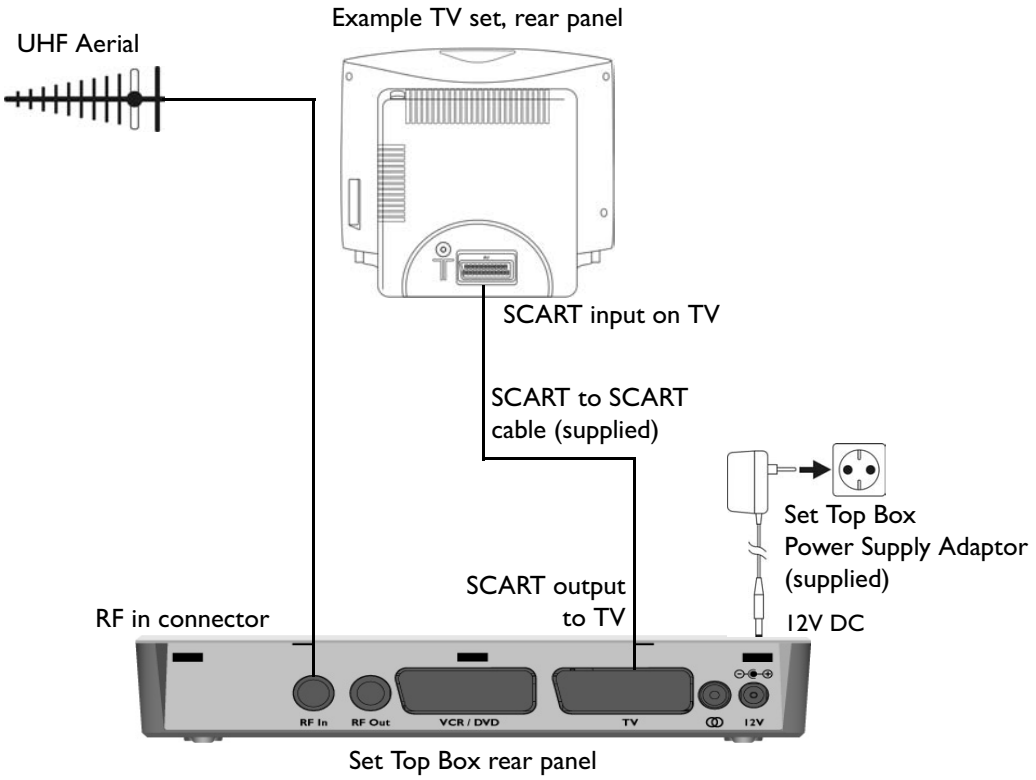
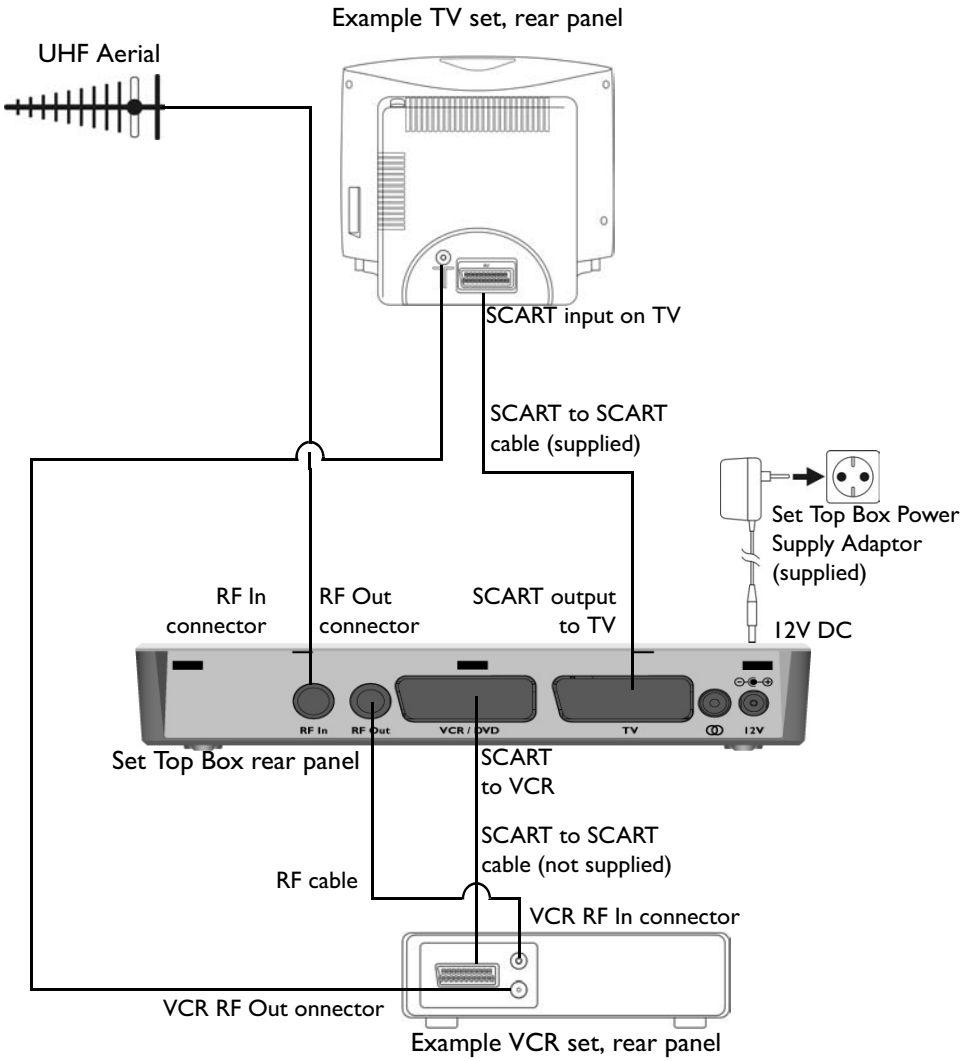
Quick Start Guide

English

Connecting to a Television



Connecting to a Television and Recorder



Introduction

English

Thank you for purchasing this product which has been designed and manufactured to give you many years of trouble-free service.

About This User Manual

This user guide contains all the information you need to know about how to setup and watch available 'Freeview' channels using your set top box.

What is Freeview?

It is the new, free digital service currently providing up to 30 free digital TV channels, over 20 digital radio stations plus a whole new world of interactive services. It's broadcast from transmitters and received via a rooftop aerial.

It works like traditional TV, but because the signals are digital you need a set top box to convert them. This means more channels can be transmitted with extra features such as interactivity and widescreen pictures.

Safety is Important

To ensure your safety and the safety of others, please ensure you read the Safety Instructions before you operate this product.

Note: Keep this information in a safe place for future reference.

Safety Considerations

Position the cables so that they cannot be walked on or pinched by items placed on or against them.

- Do not use the set top box in humid or damp conditions.
- Do not allow the set top box to get wet.
- Do not expose the set top box to dripping or splashing.
- Do not place water filled objects such as vases on top of the set top box.
- Do not place naked flame sources, such as candles, on top of the set top box.

Cleaning

- ALWAYS unplug the set top box before you clean it.
- Do not use liquid or aerosol cleaners.
- Clean the set top box with a soft, damp (not wet) cloth.

Ventilation

- The slots and openings on the set top box are for ventilation. Do not cover or block them as it may cause overheating.
- NEVER let children push anything into the holes or slots on the case.

Servicing

- There are no user serviceable parts in this set top box.
- When servicing, refer to qualified service personnel.
- Consult your dealer if you are ever in doubt about the installation, operation or safety of this set top box.

Electrical Information

Important information:
Must be read and understood.

Warning:
Read these electrical safety instructions carefully before connecting the adapter to the mains supply.

- This digital set top box is supplied with a mains adapter.
- This mains adapter is designed to operate on 230V AC 50Hz supply only. Connecting it to any other power sources may damage the set top box.
- The mains adapter is designed for indoor use only.
- The mains adapter is a sealed unit. There are no user serviceable parts inside and it does not require any electrical adjustments.
- Do not attempt to open the mains adapter.
- If the mains adapter is not suitable for your socket, or becomes damaged, it must be replaced and disposed of in a safe and environmentally protective way. Always refer to qualified personnel.
- Periodically inspect the mains adapter for damage. Do not use if faults or damage are found. Refer to qualified personnel.

This symbol indicates that the adapter is a Class II appliance and does not require an earth connection.

This symbol indicates that the adapter is for indoor use only.

This symbol indicates that the adapter conforms to CE regulations.

Environmental Markings

Your product has been designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product or his packaging, it means the product is covered by European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

The "Material recyclability symbol " affixed on package cardboard and user manual means these parts are recyclable. So do not dispose of them with your normal household waste.

The "Material recyclability symbol " affixed on plastic packaging parts means these parts are recyclable.So do not dispose of them with your normal household waste.

The "Green Dot" affixed on cardboard means PHILIPS pays a financial duty to the "Avoidance and Recovery of Packaging Waste" organization.

Getting Started

Remove your Digital Set Top Box carefully from the box, and remove the packaging from each part.

In the Box

You will find the following items:

- Digital Set Top Box
- Remote Control (AA batteries)
- Power supply 230 V AC/50 Hz to 12 V DC
- SCART-to-SCART cable
  (for Digital Set Top Box to SCART input connector on TV set)
- User Manual (This publication)

If any of these items are damaged or missing, please contact us at:

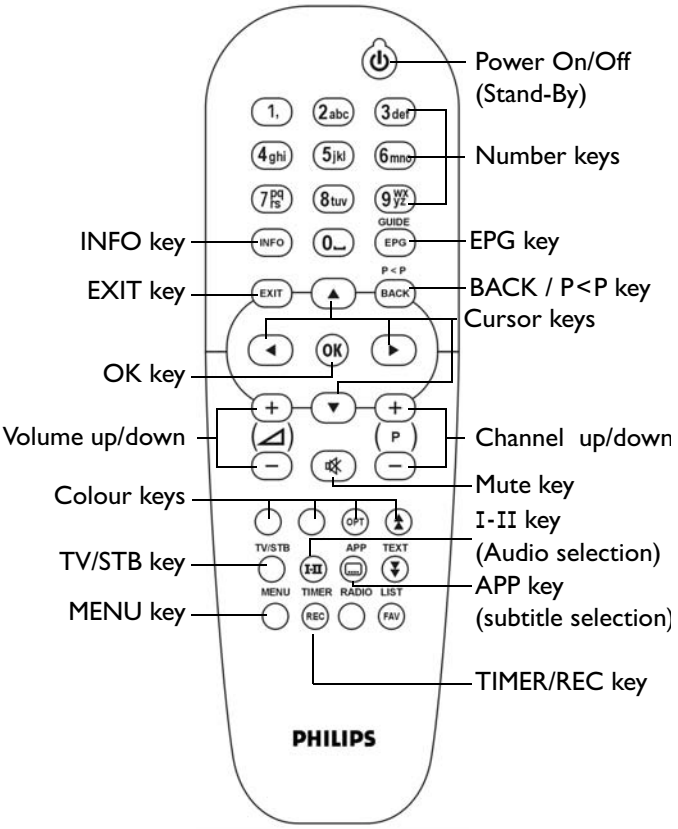
Philips CE,
The Philips Centre,Surrey

0906 1010 016
(£ 0.15/min)

Please make sure that you have the model number of your set top box, before contacting us. The label showing the type and serial number is underneath your receiver.

Identification of Parts

Remote Control



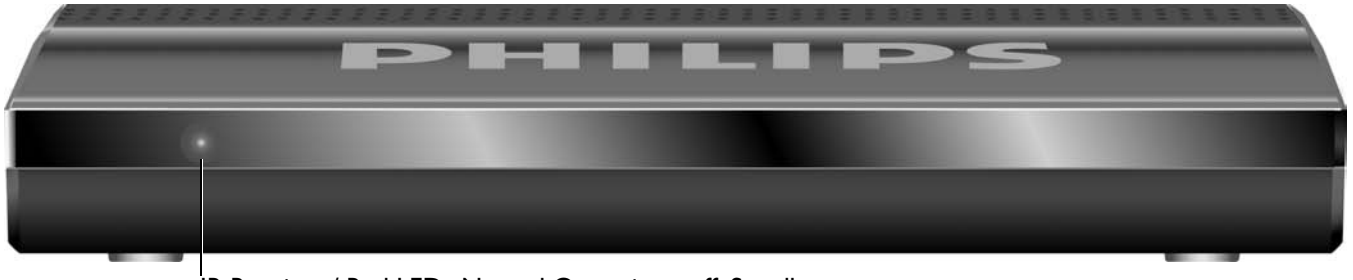
Batteries are removable from the remote using common household tools (like a screwdriver…)

The batteries supplied do not contain hazardous substances such as Mercury, Cadmium, or Lead.

However, they must not be disposed of with your household waste but to a local separate collection system.

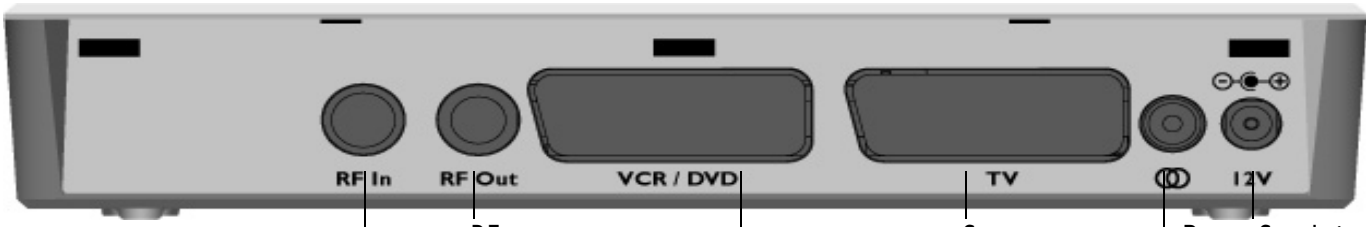
Digital Set Top Box

Front view



IR Receiver / Red LED, Normal Operation - off, Standby - on

Rear view



RF out

Scart output connector for TV

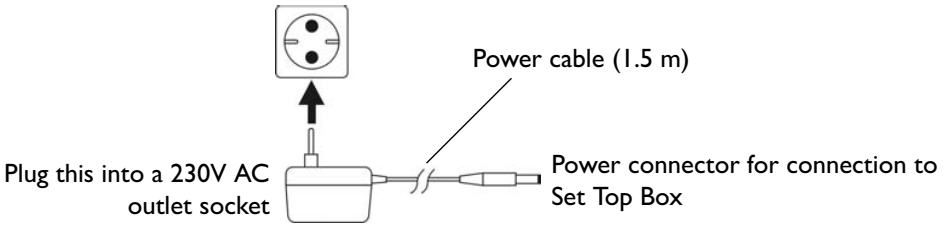
Power Supply in, 12 V DC

RF in from Aerial

Scart output connector for VCR and DVD units

SPDIF (Digital audio out)

Mains Adaptor



The Remote Control

Using the Remote Control

To use the remote control, point it towards the front of the set top box.

The remote control has a range of up to 7 meters from the set top box at an angle of up to 60 degrees.

The remote control will not operate if its path is blocked.

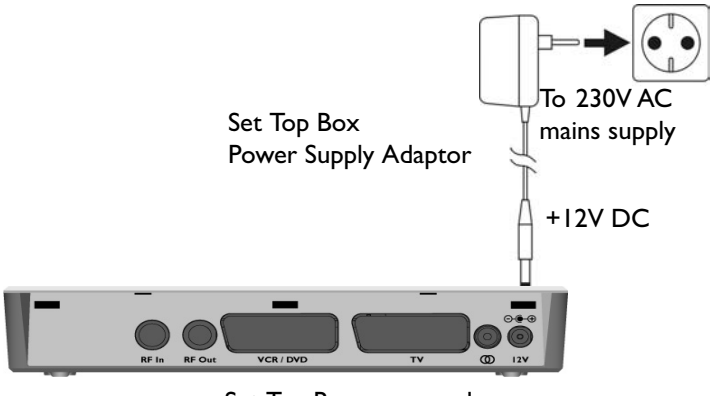
Warning:
Sunlight or very bright light will decrease the sensitivity of the remote control.

Mains adaptor

A mains power adaptor has been supplied for powering this equipment. It has an integral cable terminated in a power connector to plug directly into the 12V connector on the back of the Digital Set Top Box. The adaptor is shown on the right.

Plug the cable into the 12V DC connector on the rear panel. Insert the adaptor body into a suitable mains outlet socket.

Note that the only recommended way to disconnect the Digital Set Top Box from the mains supply is to remove the adaptor from the mains socket. If the mains socket is fitted with a switch, this could be used instead.

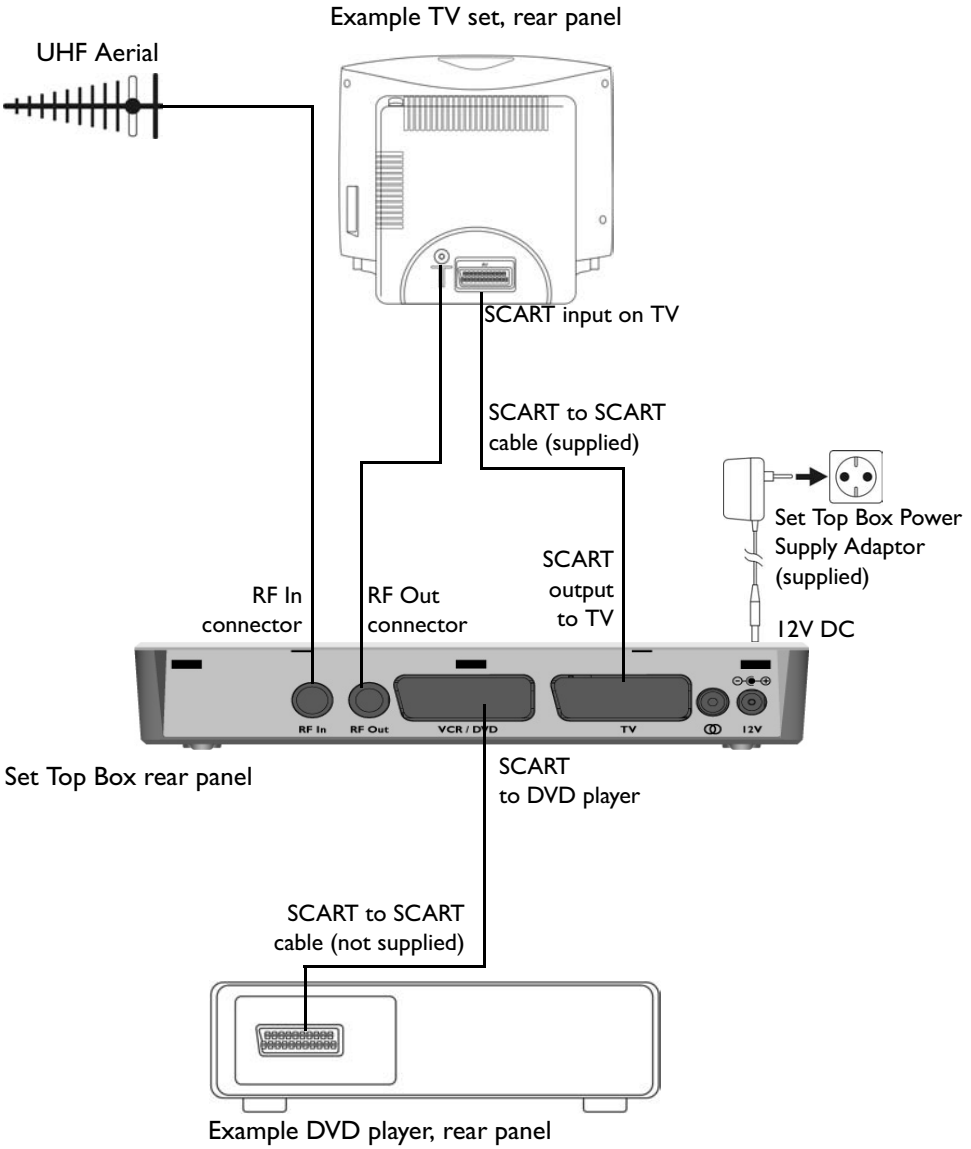


Set Top Box rear panel

Connecting Your Digital Set Top Box to other equipment

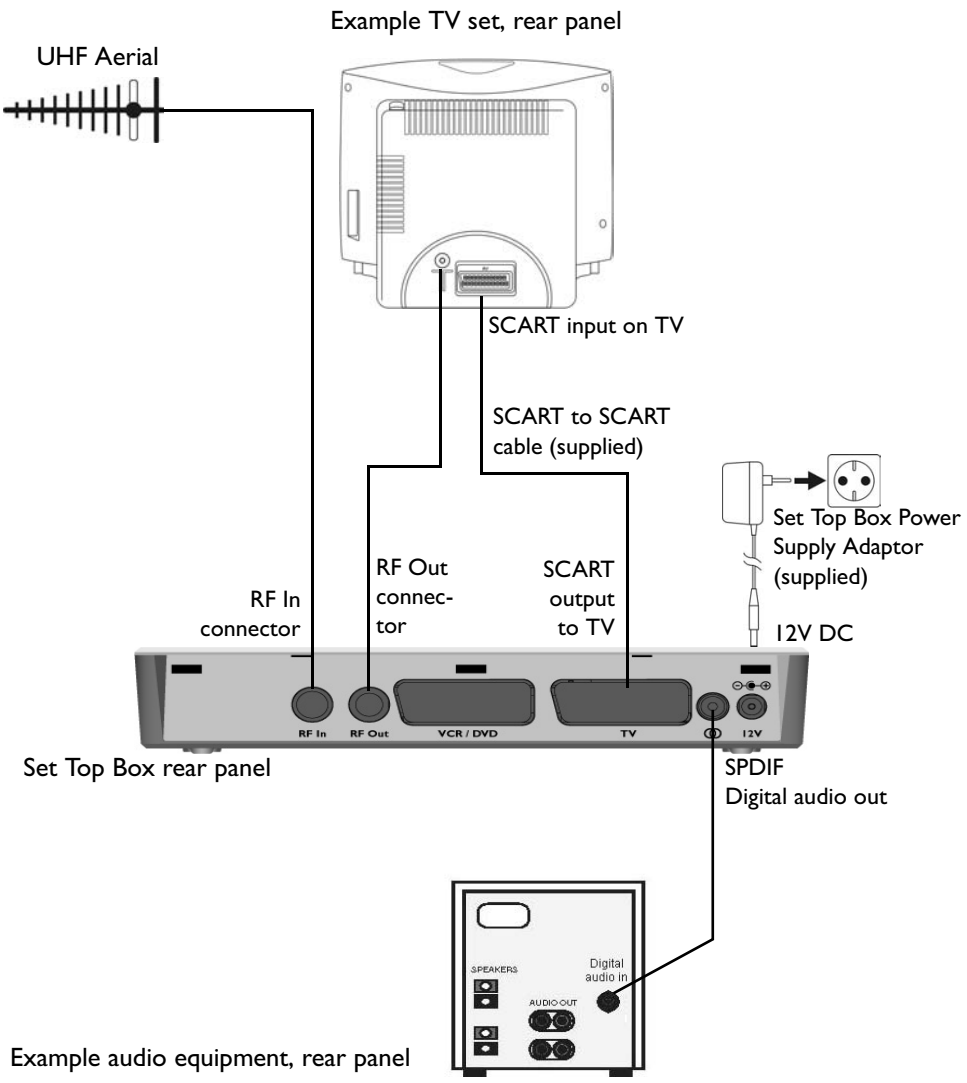
The following diagrams are of typical configurations only, and may differ slightly to your existing external equipment. If you are unsure on how to connect to your set top box, always consult your manufacturer's user guide supplied with your equipment.

Connecting to a Television and DVD player



If you decide to connect a DVD player or recorder to the VCR Scart of your digital receiver, we advise to set the DVD output format to CVBS or PAL. Refer to the user manual of your DVD player or recorder.

Connecting to a TV and audio equipment



English

Switching on for the first time

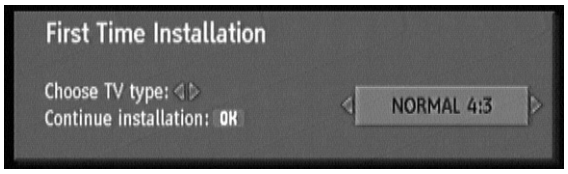
1 Connect your equipment according to the appropriate system diagram given on the previous pages and power up/turn on the equipment.

During initialisation the indicator on the front panel will flash red for a few seconds and then remain off. If the indicator is red (stand by) press the **Power** key on the remote control.

The front panel indicator will now be off.

2 To switch off the set top box, press **Power** again.

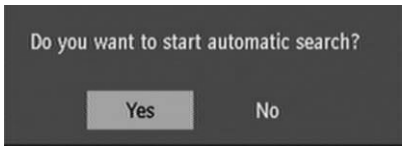
With the Set Top Box on, the FIRST TIME INSTALLATION window displays. You are asked to enter the type of TV set you are using.



3 Use the ◀ ▶ keys to choose either NORMAL 4:3 or WIDESCREEN 16:9.

4 Press the OK key to start installation.

The following message displays.



5 Use the ◀ ▶ keys to highlight **Yes** and then press the OK key.

The system then starts to search all channels for available radio and TV stations. This may take a few minutes.

The stations found are listed in the centre panel.
A progress bar below the listing panel shows the channels searched so far within the scan range (21 - 68).

When scanning has finished, the received stations are automatically arranged in numerical order.

The TV set then plays the station at the top of this sorted list. The Info box for the TV station playing displays for a short time. The TV station continues to play the programme.

Note: Your receiver, as with any electronic equipment, consumes power. In order to reduce power consumption, please switch your receiver to standby when not in use. If you will not be using your receiver for a long period of time, we recommend unplugging it from the mains outlet.

Channel List

The Channel List presents a list of all channels found during the channel search described earlier. The list comprises radio and TV channels. They have been allocated a channel (reference) number and are listed in this numerical order.

The Channel List can be used to watch and listen to the selected channels. You may delete channels from the list, edit the name of the channel, set a password to access the channel, and to add the channel to your list of favourite channels.

1 Press the **OK** key to display the **Channel List**, see below for an example. This shows a TV channel selected. When a radio channel is selected the picture frame will be blank.

To Watch a channel

1 Use ▼▲ to navigate through the channel list until you reach the channel you want to watch.

2 Use ◀ ▶ to step along the options until you reach **Watch**.

3 Press OK to watch the selected channel in the picture window located at the top right corner.

4 To watch the channel on full screen press OK again or press **EXIT**.

To Delete a Channel

1 Use ▼▲ to navigate through the channel list until you reach the channel you want to delete.

2 Use ◀ ▶ to step along the options until you reach **Delete**.

3 Press OK to delete the selected channel in the picture window, top right corner.

A confirmation box opens up.

4 Answer **Yes** or **No** as required.

If you answer **Yes** the channel will be removed from the list and will no longer be available to watch/listen to.

To Edit a channel name

1 Use ▼▲ to navigate through the channel list until you reach the channel you want to edit.

2 Use ◀ ▶ to step along the options until you reach **Edit Name**.

3 Press OK to select the edit name function.

The selected channel name appears in a text box that opens below the picture window. The first character of the name is enclosed in square brackets.

4 Use the number keys (0 - 9) to modify this character using the table below.

Remote key	1	2	3	4	5	6	7	8	9	0
Press once	1	A	D	G	J	M	P	T	W	SPACE
Press twice	.	B	E	H	K	N	Q	U	X	0
Press three times	,	C	F	I	L	O	R	V	Y	+
Press four times	:	2	3	4	5	6	S	8	Z	-
Press five times	;	a	d	g	j	m	7	t	9	*
Press six times	!	b	e	h	k	n	p	u	w	/
Press seven times	?	c	f	i	l	o	q	v	x	$
Press eight times	@	A	D	G	J	M	r	T	y	%
Press nine times	/	B	E	H	K	N	s	U	z	&

5 Use ◀ ▶ to step along the characters of the name and modify each as required. The new name can be shorter or longer than the existing name.
Maximum length is 16 characters.

Press OK to confirm the new name.

To Lock a channel

This function allows you to set a password to gain access to selected channels.

Note: When locking individual channels also lock the menu.

1 Use ▼▲ to navigate through the channel list until you reach the channel you want to lock.

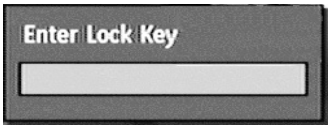
2 Use ◀ ▶ to step along the options until you reach **Lock**.

3 Press OK to set the lock.

The lock symbol appears alongside the selected channel in the list. Enter your **Lock Key** (0000 is the default setting. This may be changed in the Configuration menu - See page 13).

4 Press OK again to remove the lock.

The next time you select to watch this channel you will be asked for a password - the **Enter Lock Key** window will be displayed for this.



You will only be able to watch this channel if you enter a valid number. If you enter a wrong number the Wrong Lock Key box will be displayed briefly.

When a valid number is entered the channel will be played.

To Add a channel to your Favourites list

1 Use ◀ ▶ to step along the options until you reach **Favourites**.

2 Use ▼▲ to navigate through the channel list until you reach the channel you want to add to your favourites list.

3 Use ◀ ▶ to select one of the available Favourites lists.

4 Press OK to set this channel as a favourite to the selected list.

5 A favourites symbol appears alongside the selected channel in the list. The symbol indicates the number of the favourites list.

6 Press OK again to remove from the favourites list. See page 16 on how to activate the favourites lists.

Note: A channel can be in more than one of the lists.

Changing Channels

You can change channels by using any of the following methods:

Channel browse keys

- Use the **P+** and **P-** keys (channel up/down) to browse up and down the available channels.

Number keys (0-9)

The complete channel number must be entered within 3 seconds of the first digit entry.

- For example, to watch channel 43, press key 4 and then key 3.

The entered channel number will be displayed in top left of the TV screen and the TV will show the entered channel.

Channel list

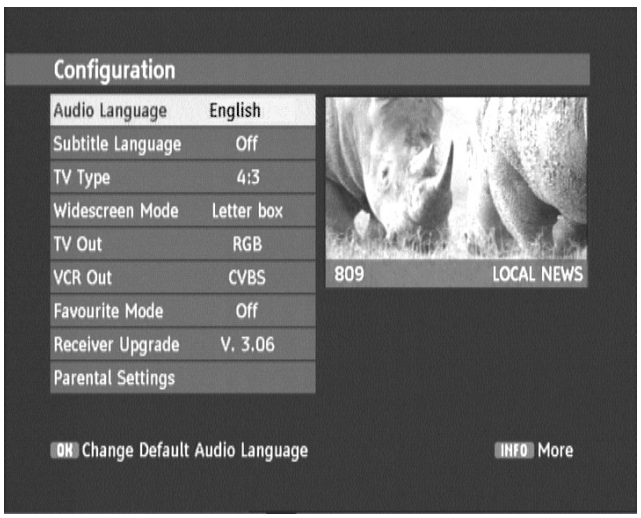
1. Press OK to view the list of available channels in the Channel List
   or
   Press **MENU** to display the Main Menu. There select **Channel List** and press OK.
2. Select the required channel using the ▼▲ keys.
3. Press OK to view/listen to the channel in the window. Press **EXIT** to go to full screen.

Configuration

The Configuration window allows you to customise various settings.

1. Press **MENU** to display the Main Menu. There select **Configuration** and press OK.

   You can select from the available options for each of the items in the Configuration window. See below for a typical display.



   The text along the lower banner changes according to the item selected.

2. Use the ◀ ▶ keys to display the options in turn.
3. Use ▼▲ to navigate through the configuration list until you reach the item you want to re-configure.

Audio Language:	You can choose the default played audio language if a program is broadcasted in more than one language.
Subtitle Language	If subtitles are availbable, you may choose the language here.
TV-Type:	Choose the type of TV you have 4:3 / 16:9.
Wide-Screen Mode:	Set your preferred mode for movies or shows that are broadcast in 16:9. Note: If your TV type is set to Widescreen this function is not available.
TV Out:	Output can either be RGB, CVBS or S-Video. Effect will be seen instantly on TV
VCR Out:	Output can either be CVBS or S-Video.
Favourite mode:	Turn Favourites Mode on/off. Select one of the Favourite Lists.
Receiver Upgrade:	To download software upgrades from broadcasters or the manufacturer to further enhance the current service.
Parental Settings:	Create viewing restrictions on all available channels. Once activated a lock key code must be entered to view the TV channels.

4. Use ◀ ▶ to step through the options until you reach the new setting.

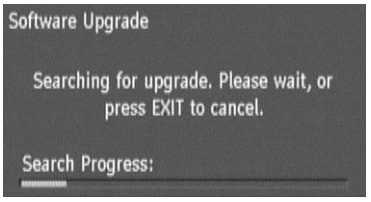
   Some configurations require further information to be entered in subwindows which are displayed when these items are selected.

5. Press **EXIT** to close the configuration window and return to the previously displayed channel.

   The configuration settings are stored automatically as they were set at the time you pressed the **EXIT** key.

Receiver Upgrade

When Receiver Upgrade is selected for re-configuring you will be presented with the following window:



1. The upgrade will be carried out automatically and the listed Receiver Upgrade version number will be changed accordingly.

English

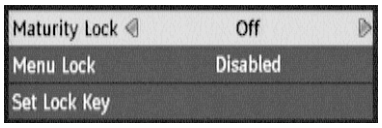
Parental Settings

The Parental Setting feature allows you to password protect groups of menus or allow access to all menus.

1 Use ▼▲ to highlight **Parental Settings**.

2 Press OK and enter the Lock Key when asked for it (default is 0000).

The window below displays:



3 Use ◀ ▶ to step through and display the available options:

Maturity Lock
Select an age for children or a category for which viewing will be possible without entering the lock key.

Menu Lock
Select **Main Menu** or **Installation** to lock these menus.

4 Use ▼▲ to highlight **Set Lock Key**.

5 Press OK

A second sub-window displays.

6 Enter the new **Lock Key** code in the code entry box using the number keys (0-9).

Input now switches to the **Confirm** code entry box.

7 Enter the same Lock Key code in this window using the number keys (0-9).

The second sub-window displays Key Lock Changed and then closes.

8 Press **EXIT** to Apply Setting and return to the Configuration menu.

Audio Language

To check what is available:

1 Press the **MENU** key to display the Main menu.

2 Use ▼▲ to select **Audio Menu**.

3 Press OK

4 If alternatives are available use ▼▲ to select the desired language.

5 Press OK to apply these settings and exit this function. This change is only temporarily for the current program.

Timers

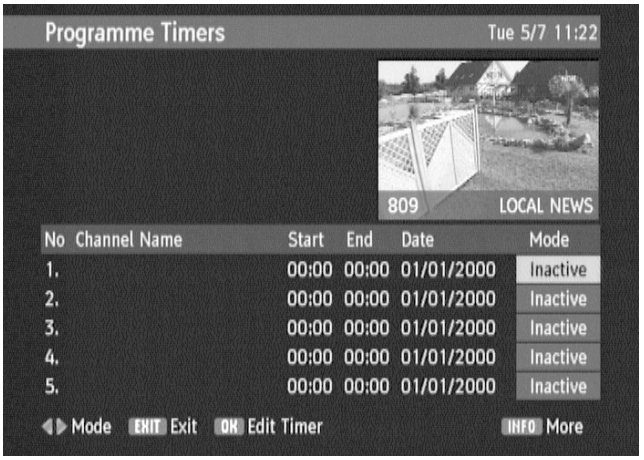
You can use the Timer function to turn your Set Top Box on and off in Stand-by and also to automatically switch channels when your Set Top Box is on.

Press the **MENU** key to display the Main menu.

1 Use ▼▲ to select **Timers**.

2 Press OK

The **Programme Timers** menu displays.

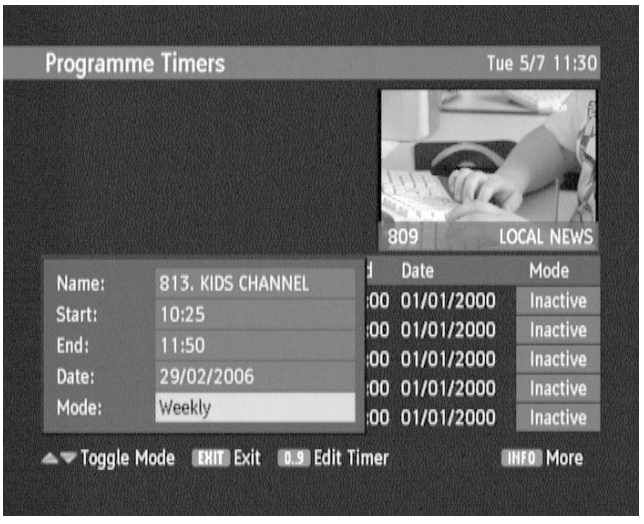

Programme Timers
Tue 5/7 11:22
809
LOCAL NEWS
No Channel Name Start End Date Mode
1. 00:00 00:00 01/01/2000 Inactive
2. 00:00 00:00 01/01/2000 Inactive
3. 00:00 00:00 01/01/2000 Inactive
4. 00:00 00:00 01/01/2000 Inactive
5. 00:00 00:00 01/01/2000 Inactive
◀▶ Mode EXIT Exit OK Edit Timer
INFO More

Note: To record on a VCR / DVD R you must also set the timer of the VCR / DVD R to record the desired program in the normal way. Make sure the timer program of the VCR / DVD R is set to the correct EXT socket for the set top box.
To play back a recording from the VCR / DVD R, please make sure the Set Top Box is in standby.

Use ▼▲ to select one of the five timer settings available.

3 Press OK

The Timer Menu displays showing the Name box for the channel highlighted for selection.



4 Use ◀ ▶ to step through the list of loaded channels until the channel to be set for timed turn on/off displays.

5 Use ▼▲ to step to the **Start** time.

6 Use the number keys (0 - 9) to set the start time

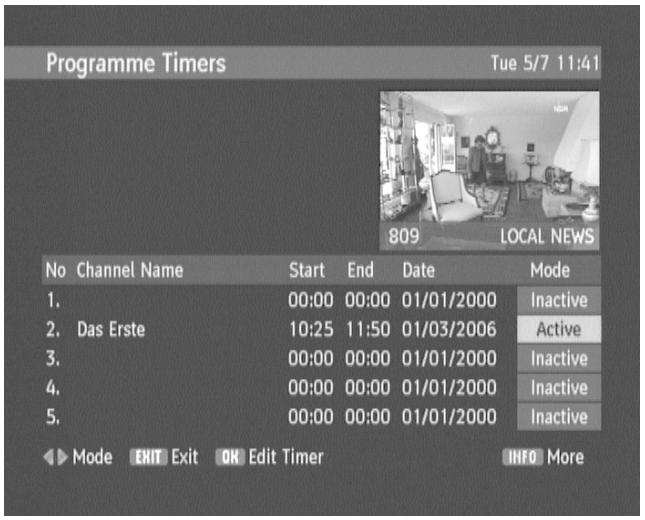
7 Use ▼▲ to step to the **End** time.

8 Use the number keys (0 - 9) to set the end time

9 Use ▼▲ to step to the **Date**.

10 Use the number keys (0 - 9) to set the date

11 Press OK to apply changes and move the entered data to the main timing list, as shown below.


Programme Timers
Tue 5/7 11:41
809
LOCAL NEWS
No Channel Name Start End Date Mode
1. 00:00 00:00 01/01/2000 Inactive
2. Das Erste 10:25 11:50 01/03/2006 Active
3. 00:00 00:00 01/01/2000 Inactive
4. 00:00 00:00 01/01/2000 Inactive
5. 00:00 00:00 01/01/2000 Inactive
Mode EXIT Exit OK Edit Timer INFO More

Note: When setting a Timer for a PIN-protected service, you are asked to enter the PIN-Code (Lock-key) to confirm the Timer

If you want to set a timer for a programme with a maturity rating or which is broadcast on a locked service, please refer to chapter "Timers" on page 14 of the User Guide and to the information below.

On activation of a timer set for a programme with a maturity rating exceeding your maturity rating setting or which is broadcast on a locked service, the receiver prompts for PIN code entry. If the PIN code is not entered, for instance because the receiver is in standby, recording fails.

To avoid such issue, you must disable the PIN code protection as described below.

When a maturity rating has been set:

1 Go to the Main Menu and select the Configuration sub-menu.

2 In the Configuration menu please select the Parental Settings sub-menu.

3 Deactivate Maturity Rating.

4 Now program your timer.

When the service has been locked:

1 Please enter your PIN code when setting the timer so that the receiver will not prompt for the PIN code when the timer becomes active.

2 If you want to set timers on this service more often please go to the Main Menu and select the Channel list sub-menu.

3 Choose the service on which you want to set timers.

4 Please unlock this service.

5 Now program your timer.

Electronic Program Guide

The Electronic Program Guide provides the user with a brief description of the currently selected program in the list of channels. The five channels listed are a window on all stored channels.

1 To display the Electronic Program Guide, press the **EPG** key. An example of an EPG window is given below.

Electronic Programme Guide
Sat 9/7 04:33
Car Booty 11:00-11:45
(News/CA) Alison Doherty is hoping the Car Booty team can help her sell enough antiques and collectibles so that she and her daughters can take a trip to Hong Kong, to visit the family's roots.
1 BBC ONE
Channels Current Event Next Event
1. BBC ONE Car Booty Bargain Hunt
2. BBC TWO Trade Secrets Daily Politics Conference...
7. BBC THREE This Is BBC THREE This Is BBC THREE
30. CBBC Channel Hands Up! Hands Up!
40. BBC NEWS 24 BBC News BBC News
Navigate Schedule OK Watch INFO More

2 Use ▼▲ to navigate through Channels.

A brief description of the highlighted channel name appears in the upper left panel of the window with its name and broadcast time.

3 Use ▶ to step to the **Next Event**.

The upper left panel now contains the details of the **Next Event**.

Reminder: When **Next Event** has been selected, there is an opportunity to set a reminder for a particular program. Press **OK** on the selected program and a clock symbol is shown.

While viewing a channel, a reminder displays that the selected program is about to start.

4 Use ◀ to return to the **Current** Event.

5 Press the yellow key to view a schedule of all events.

6 Press OK to watch the currently selected event in the upper right panel in this window.

7 Press **EXIT** to view the current channel on full screen.

English

Favourites

When Favourites are enabled (see the Configuration window earlier), then only the channels that you selected as your favourite channels will be stepped through when you use the channel browse keys, **P+** and **P-**.

Note: Even with Favourites enabled, you can still choose from all available channels by either entereing the channel number by using the Number keys or from the service list.

Additional Functions

Information / Help key

The **INFO** key has two functions according to the current status.

When a TV or Radio channel is playing:

1 press the **INFO** key to display program information:

- Channel name and number.
- Current program name, start and end play times.
- Next program name and start and end play times.
- Signal level for current channel.
- Time of day.
- TV or Radio icon.

2 Press the **INFO** key again while program information displays to get the EPG description of the programm playing.

3 Press the **INFO** key again to close the window.

When no channel is playing:

1 To get help about the current selection in a window, press the **INFO** key for relevant information.

Volume

To increase or decrease the volume of the channel playing, press the **Volume up/down** keys respectively. The maximum volume is set by the volume control setting on the TV.
A volume slider icon appears on the TV screen for visual feedback.

Mute

Press the **Mute** key to turn off the sound. Press again to restore the sound to the previous level.

Swap channels

Press the **BACK/P<P** key to switch between the current and the previously selected channel.

Text/MHEG

With the text key you can access certain Text and Multimedia contents. MHEG (Multimedia and Hypermedia Expert Group) is a standard that offers you information about various contents like life style, shopping or sports events and results.

1 Press the **TEXT** or **RED** key to bring up the text menu for the current channel.

2 Use the ▼▲ keys to navigate through the menu.

3 Use OK to select an item.

Additionally you now have the four colour keys (Red, Green, Yellow and Blue) to navigate through the content of the page. How they will be used will vary for different stations; read their meaning from the bottom line (usually) or wherever they appear on the screen and use them as required.

4 Press the **Text** key again to leave the MHEG, or press the **EXIT** key.

TV/STB

1 Press the **TV/STB** key to switch between the set top box and the TV signal.

I-II

1 Press the **I-II** key for quick access to language selection.

APP

1 Press the **APP** key for quick access to subtitle selection.

TIMER

1 Press the **TIMER** key for quick access to the **Timers** menu

LIST

1 Press the **LIST** key for quick access to **Favourite Lists** menu

Expert settings

Manual channel search

If the automatic search does not find all channels expected, you may search a channel manually.

1 Press the **MENU** key for the **Main Menu**, there select **Installation**.

2 Select **Manual Search**.

3 In the upcoming window, enter the number of the broadcast channel you intend to search for digital TV or Radio signals. An indication of the signal level for the entered channel is shown at the bottom of the window.

4 Press OK to search for channels.

Channels found are automatically added to the channels list.

Clear all settings

First time installation can be initiated again, if neccessary.

1 Press the **MENU** key for the **Main Menu**, there select **Installation**.

2 Select **First Time Installation**.

The set top box will switch off for a moment. When the LED on the front panel switches off, you may start installation again.

Troubleshooting

If you experience an operating problem with your Digital Set Top Box, please refer to the trouble-shooting table below and then the notes that follow.

Symptom	Possible cause	Remedy
No picture and no sound	No channel list or wrong channel list	Do an automatic station scan
	Short circuit in aerial lead	Turn off receiver, remove short circuit and then turn on again
	Defective or missing cable connection	Check all cables
	Poorly adjusted aerial	Adjust aerial
	Loose connectors or cable too long	Check connectors and shorten cable
	No Freeview coverage in your area	Please call 08708 809980 or text your post code to 83331 (standard network charges apply)
No picture or picture is blocky in appearance	Aerial too small	Use a bigger aerial
	SCART connector not fully plugged in	Check SCART connector
Sound but no picture	Aerial poorly adjusted or defective	Check aerial
	Program is being broadcast with altered parameters	Do an automatic search (see Advanced Installation)
	SCART connector not fully plugged in	Check SCART connector
Cannot receive station that you could receive before	Program is no longer broadcast	None
	Interference with „DECT“ phones or wireless equipment	Move phone/wireless equipment away from the receiver to a location where interference ceases
	Program is being broadcast with altered parameters	Do an automatic search (see Advanced Installation)
Remote control is not working	Obstacle in between remote control and receiver	Remove obstacle
	Transport stream defect	Unplug receiver and then plug in again
	Flat battery	Replace battery
Certain stations cannot be received from time to time	These services are not transmitted 24 hours a day and can sometimes be unavailable. This is not a fault.	
STB cannot be controlled	Obstacle in between remote control and receiver	Remove obstacle
Poor image quality or no colours	Wrong TV SCART out signal	Try changing from RGB to CVBS or vice versa (see Configuration)
	Inappropriate video type selected	Set video output according to TV set video requirements (see Configuration)
You have forgotten or lost your PIN code		Reset from the Parental Control Screen. To access the Parental Control Screen, use the following 4-digit code: 8111. Keep this code secret to prevent others from using it. Refer to section “Parental Settings” on page 14 for more detailed information.

If none of the above suggestions seem to work, try switching your Set Top Box off and then on again. If this does not work, contact either your supplier or a qualified repair technician. Never attempt to repair your set top box yourself.

Technical Data

English

General

- DVB terrestrial Free-To-Air receiver compliant to EN 300 744
- MHEG5 and LCN support
- UHF frequency range support
- Video and Audio out via 2x SCART
- Digital audio out
- Fast channel search
- Reed-Solomon decoding support (EN 300 744)
- Automatic FEC selection (1/2, 2/3, 3/4, 5/6, 7/8)
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2, -3
- Update-Over-Air accordingly to BBC-SSU procedure
- slim line housing

Base specification

- QPSK / QAM16/64 demodulation compliant to DVB terrestrial standard EN 300 744
- COFDM 2k and 8k
- UHF support (474…862 MHz)
- 8 MHz channel bandwidth
- Guard Interval Modes: 1/32, 1/16, 1/8, 1/4 active symbol duration
- Fast PLL tuning speed: step size 62,5 kHz / 166,67 kHz

Input /Output

2x SCART (VCR & TV) out

- TV SCART video out: CVBS, Y/C, RGB
- VCR SCART video out: CVBS, Y/C
- switching signal: 0 / 6 / 12V
- Audio out (left/right)

Digital audio out (S/PDIF)

RF input

connector IEC60169-2 female

- termination 75 Ohm
- Return Loss: min. 6 dB (75 Ohm)

Loop-Through of RF signals

- output termination 75 Ohm

Power Supply

- Power supply 230VAC/50Hz to 12VDC
- Operation power consumption less 12 W
- Maximum stand-by mode consumption: 6 W

Accessories

- Receiver ca. 250 x 140 x 32 mm
- Power Supply
- SCART/SCART cable
- Remote Control
- 2 Batteries (for remote control)
- Instruction manual

Temperature

- Temperature-Range +5 °C…+40°C

This product is in conformity with the requirements of the 95/47/EC and 2002/21/EC directives.

The product complies with the following European council Directives: 73/23/EEC, 93/68/EEC and 89/336/EEC.

CE

Guarantee

This set top box is guaranteed for 12 months from the date of original purchase. If any defect arises due to faulty materials or workmanship, the set top box will either be replaced, a refund given or repaired free of charge (where possible) during this period by the dealer from whom you purchased.

The guarantee is subject to the following provisions:

- The product must be correctly assembled and operated in accordance with the instructions contained in this user guide.
- The guarantee does not cover accidental damage, misuse, or consumable items.
- The guarantee will be rendered invalid if the set top box is resold or has been damaged by inexpert repair.
- The manufacturer disclaims any liability for incidental or consequential damages.

This guarantee is in addition to and does not diminish your statutory, or legal rights.

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